**CHEMISTRY – General Option**

**(B.S., CHMBD)**

**124 credits**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**First-year Seminar:**

PSU 007 \_\_\_ (1) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Communications(GWS):**

ENGL 015 \_\_\_ (3)

ENGL 202C \_\_\_ (3) §

CAS 100 \_\_\_ (3)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Quantification(GQ):**

MATH 140 \_\_\_ (4) §

MATH 141 \_\_\_ (4) §

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Natural** **Sciences(GN):**

PHYS 211 \_\_\_ (4) §

PHYS 212 \_\_\_ (4) §

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Arts(GA):**

\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_ (3)

\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_ (3)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Humanities(GH):**

\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_ (3)

\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_ (3)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Social and Behavioral Sciences(GS):**

\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_ (3)

\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_ (3)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Health and Activity(GHA):**

BB H/KINES/ESACT

\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_ (1.5)

\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_ (1.5)

**Prescribed Courses: 49 cr.**

CHEM 110 \_\_\_ (3) §

CHEM 111 \_\_\_ (1) §

CHEM 112 \_\_\_ (3) §

CHEM 113 \_\_\_ (1) §

CHEM 210 \_\_\_ (3) §

CHEM 212 \_\_\_ (3) §

CHEM 213 \_\_\_ (2) §

CHEM 221 \_\_\_ (4) §

CHEM 316 \_\_\_ (1)

CHEM 400 \_\_\_ (1)

CHEM 413 \_\_\_ (4)

CHEM 431W \_\_\_ (3)

CHEM 440 \_\_\_ (3)

CHEM 441 \_\_\_ (1)

CHEM 443 \_\_\_ (1)

CHEM 450 \_\_\_ (3)

CHEM 452 \_\_\_ (3)

CHEM 457 \_\_\_ (2)

CHEM 472 \_\_\_ (3)

MATH 230 \_\_\_ (4) §

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Additional Courses: 12 cr.**

Select 3 credits from:

CHEM 494 or 496 \_\_\_ (3)

Select 3 credits from:

MATH 250 \_\_\_ (3)

STAT 401 \_\_\_ (3)

Select 6 cr. of 400-level CHEM

Courses excluding 494, 495, 496

\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_( )

\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_( )

\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_( )

**Supporting Courses and Related Areas: 12 credits**

Select 12 credits from a School-approved list. May apply up to 6 credits of ROTC.

\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_ ( )

\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_ ( )

\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_ ( )

\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_ ( )

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Electives: 6 credits**

\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_ ( )

\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_ ( )

\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_ ( )

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Writing Intensive Course:**

CHEM 431W \_\_\_ (3)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

‡**United States (US)**

**and International (IL) Cultures:**

US \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_ (3)

IL \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_ (3)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

§Grade of C or higher is required.

‡This requirement can be fulfilled from choices in GA, GH, or GS.

Students graduating from this major must achieve a minimum grade-point average of at least 2.00; achieve an overall grade-point average of at least 2.00 within the Prescribed, Additional, and Supporting courses in the Requirements for the major, including chosen Options, if any; and earn a C grade or better in all 300- and 400-level courses within these same Prescribed, Additional, and Supporting courses. If a student receives a grade below C, he/she must repeat that course or a School Approved alternative, and earn a grade of C or better.

**Effective Summer 2012 Revised 2/4/13**